

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number
WO 03/063382 A1

(51) International Patent Classification⁷: **H04B 3/56**

[NO/NO]; Fjøsimesterveien 10D, N-7046 Trondheim (NO).

(21) International Application Number: PCT/NO03/00021

(22) International Filing Date: 22 January 2003 (22.01.2003)

(74) Agent: **ONSAGERS AS**; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(25) Filing Language: Norwegian

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
2002 0357 23 January 2002 (23.01.2002) NO

(71) Applicant (*for all designated States except US*): **WIRELESS READING SYSTEMS ASA** [NO/NO]; Skrederveien 9, N-1537 Moss (NO).

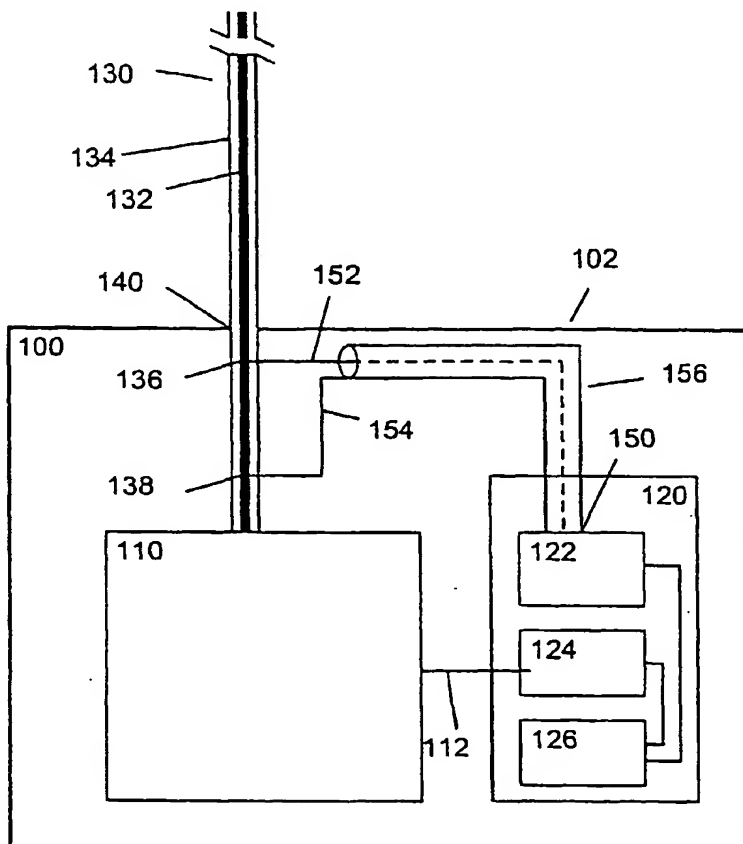
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **SÆGROV, Atle**

[Continued on next page]

(54) Title: ANTENNA DEVICE



(57) Abstract: The invention relates to an antenna device for use with a radio transmitter (122) mounted in an electrical installation cabinet (100) such as a fuse box, where at least one electrical supply line (130) is passed through an opening (140) in the installation cabinet (100). The antenna device comprises a signal connection of the radio transmitter's antenna output (150) to a section of the supply line inside the installation cabinet (100). The result of this is that the supply line (130) is employed as a travelling wave antenna for the radio transmitter (122). The invention further relates to a remote reading device in which the device is included, a method for providing an antenna for a radio transmitter in an installation cabinet and an application of a supply line that is passed into or out of the installation cabinet.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 03/00021

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04B 3/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0141325 A2 (TELEFONAKTIEBOLAGET LM ERICSON (PUBL)), 7 June 2001 (07.06.01), the whole document	1,10,12
A	--	2,4-8
A	US 6040759 A (SANDERSON, L.W.), 21 March 2000 (21.03.00), figure 10, the whole document	1-2,4-7
A	US 6262685 B1 (WELCH, E.E. ET AL), 17 July 2001 (17.07.01), cited in the application	8
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

Date of mailing of the international search report

15 April 2003

22-04-2003

Name and mailing address of the ISA/

Authorized officer

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Rune Bengtsson /OGU

Facsimile No. +46 8 666 02 86

Telephone No. +46 8 782 25 00

PCT/NO 03/00021

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4032723 A (MENDOZA, L.E.), 28 June 1977 (28.06.77), cited in the application --	1-12
A	US 4350980 A (WARD, S.M.), 21 Sept 1982 (21.09.82), cited in the application -- -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

29/03/03

International application No.

PCT/NO 03/00021

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
WO	0141325	A2	07/06/01	AU	2558201 A		12/06/01
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